

# 2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: BUFFALO TRACE AREA DEVELOPMENT DISTRICT

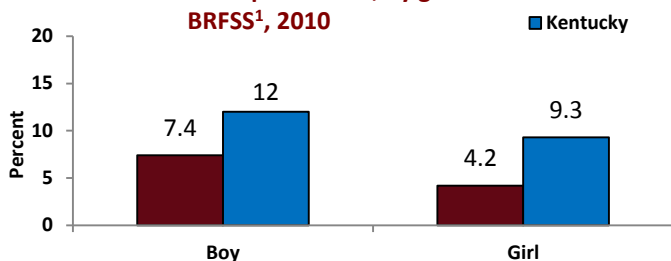
- The Buffalo Trace District of Kentucky is comprised of 5 counties: Bracken, Mason, Robertson, Fleming, and Lewis.
- The 2011 Buffalo Trace District population was roughly 56,800. About 13,600 persons were younger than 18 (children), and about 43,200 were 18 or older (adults).



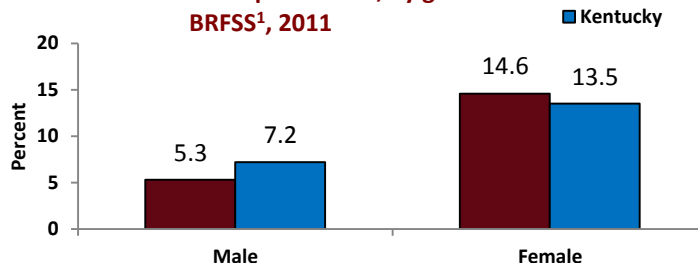
## PREVALENCE

- In 2010, an estimated 750 children (5.9%) in the Buffalo Trace District currently had asthma, compared to 10.7% for Kentucky and 8.4% for the United States.<sup>1</sup> In 2011, an estimated 4,330 adults (10.0%) in this district currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.<sup>1</sup>

**Child current asthma prevalence, by gender:**



**Adult current asthma prevalence, by gender:**

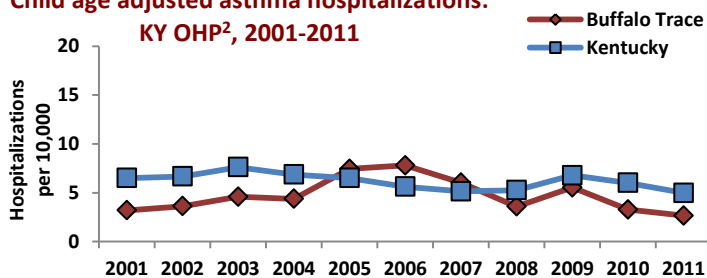


- In 2010, both boys and girls in the Buffalo Trace District had lower current asthma prevalence rate compared to Kentucky. Adult females in this district had higher current asthma prevalence rate than Kentucky. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology)

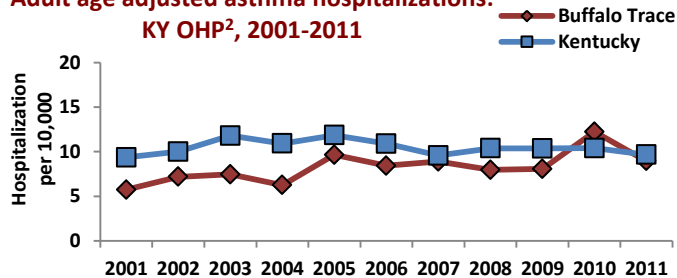
## HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 2.6/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was 8.9/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

**Child age adjusted asthma hospitalizations:**  
**KY OHP<sup>2</sup>, 2001-2011**



**Adult age adjusted asthma hospitalizations:**  
**KY OHP<sup>2</sup>, 2001-2011**



- From 2009 to 2011, child asthma hospitalizations have been on a gradual decline. Between 2001 and 2011, the Buffalo Trace District averaged 6.5 asthma hospitalizations /10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/year over the same 11 year period.<sup>2</sup>

## EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 1.6/1,000 persons, compared to the state rate of 1.9/1,000 persons<sup>3</sup> and for adults were 2.3/1,000 persons compared to the state rate of 2.5/1,000 persons.<sup>3</sup>

## MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 1.09 /100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.<sup>4</sup> In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons<sup>4</sup> compared to the US crude death rate of 1.1/100,000 persons.<sup>5</sup>

### NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

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